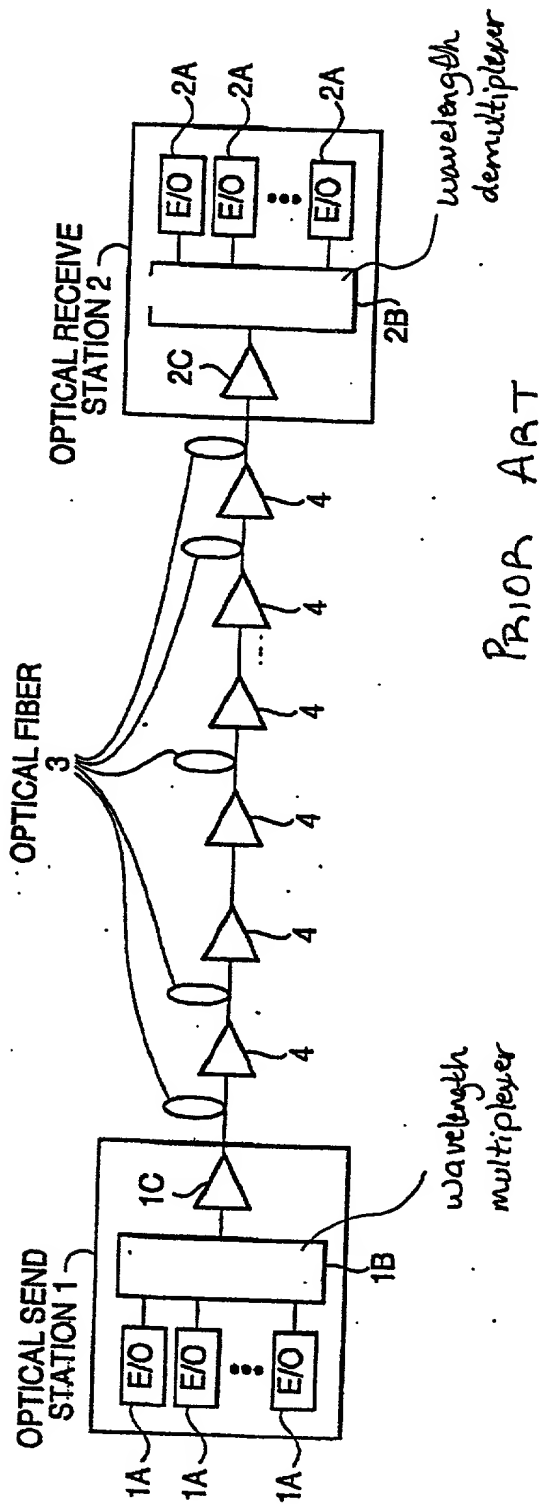
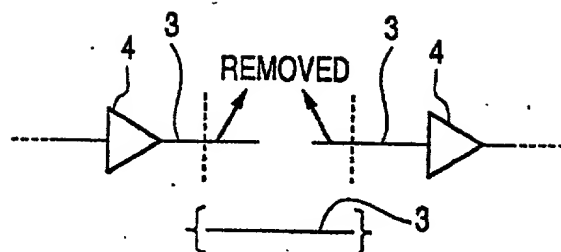


FIG. 1

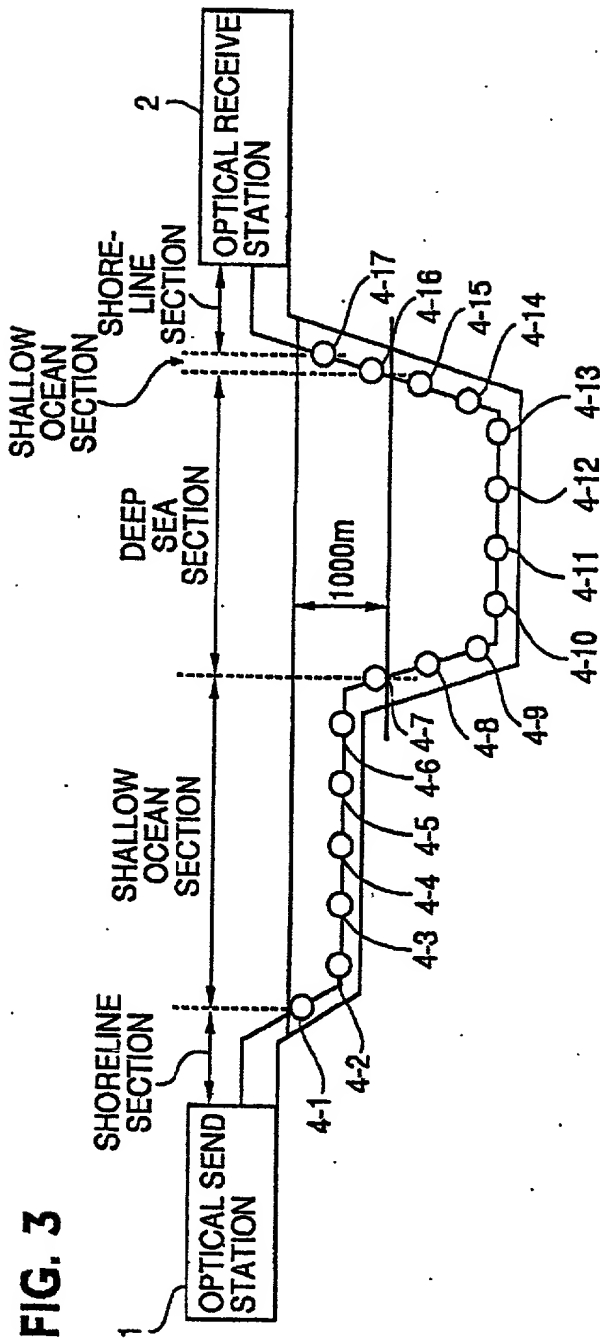


**FIG. 2**



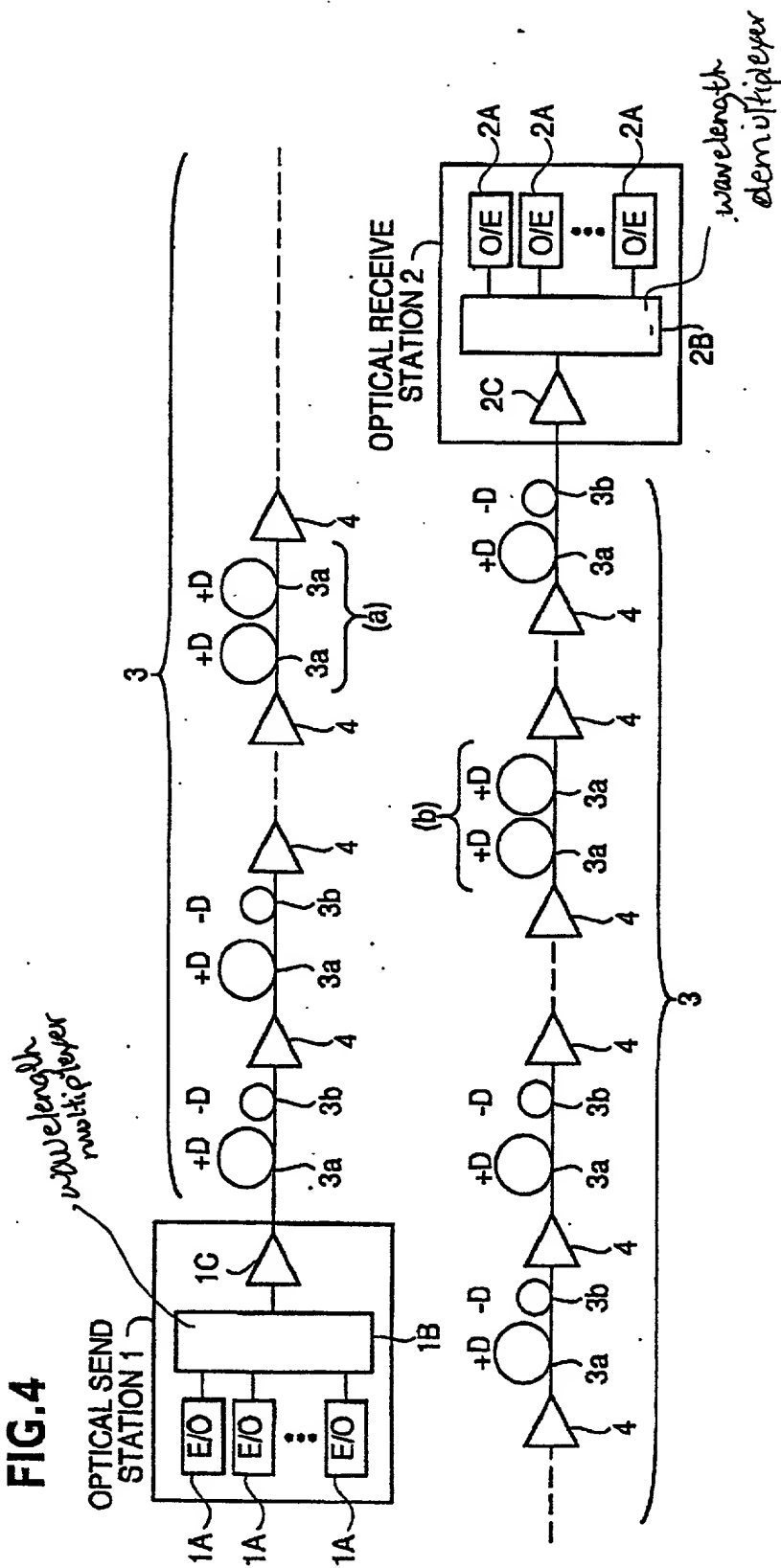
**INSERTED CABLE**  
**(SAME AS THE TRANSMISSION LINE)**

PRIOR ART



Prior Art

FIG. 4



Prior Art

**FIG. 5**

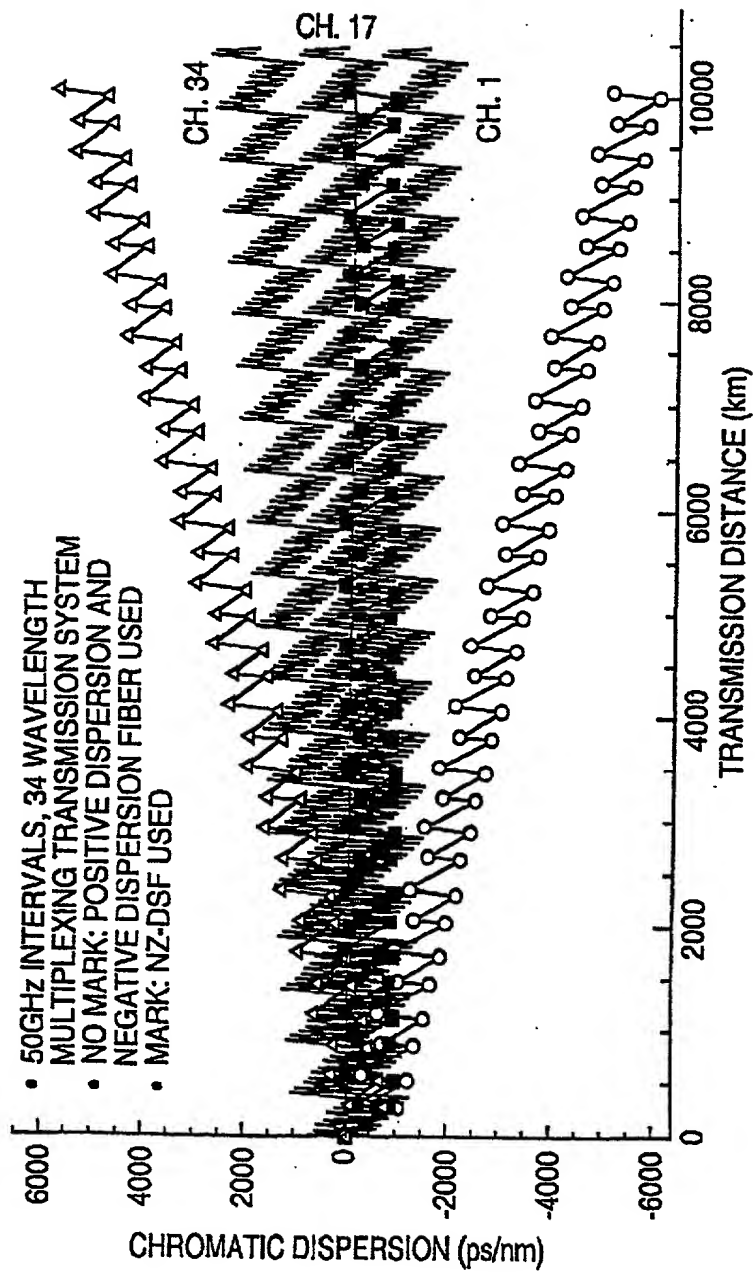


FIG. 6A

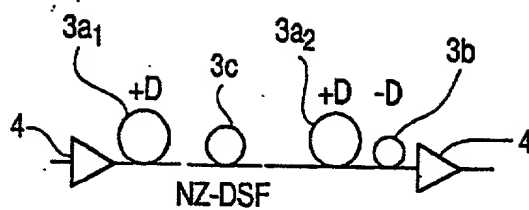


FIG. 6B

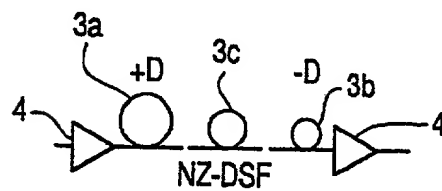
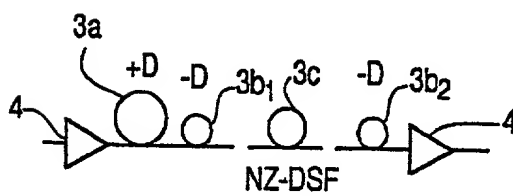


FIG. 6C



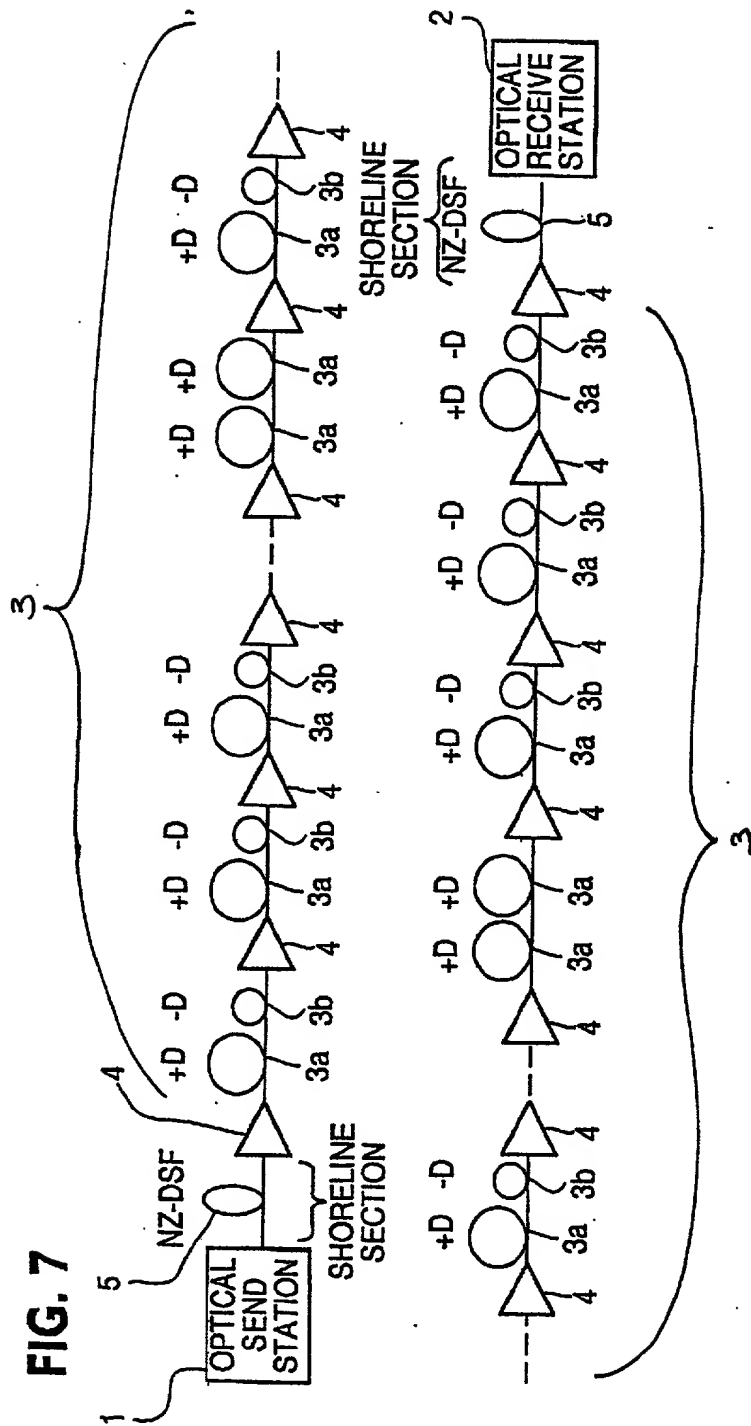






FIG. 9

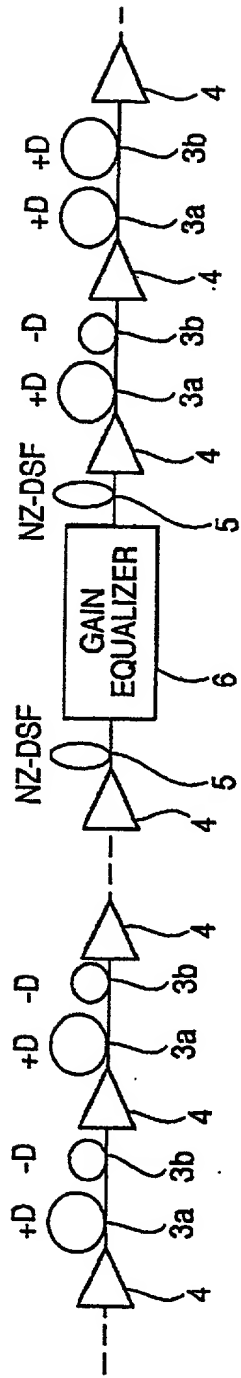
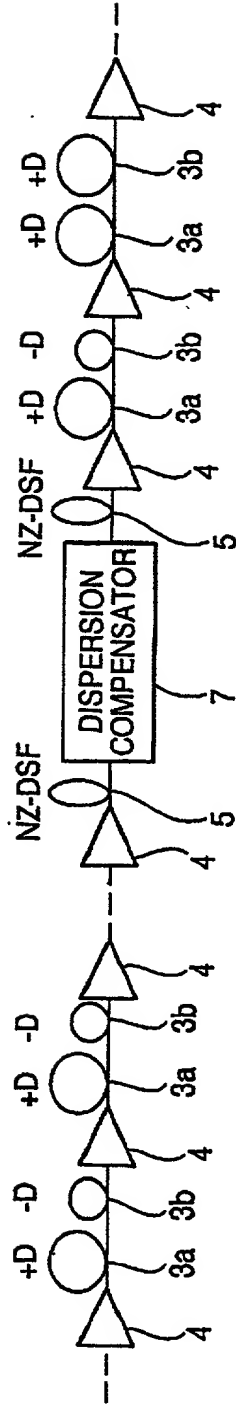
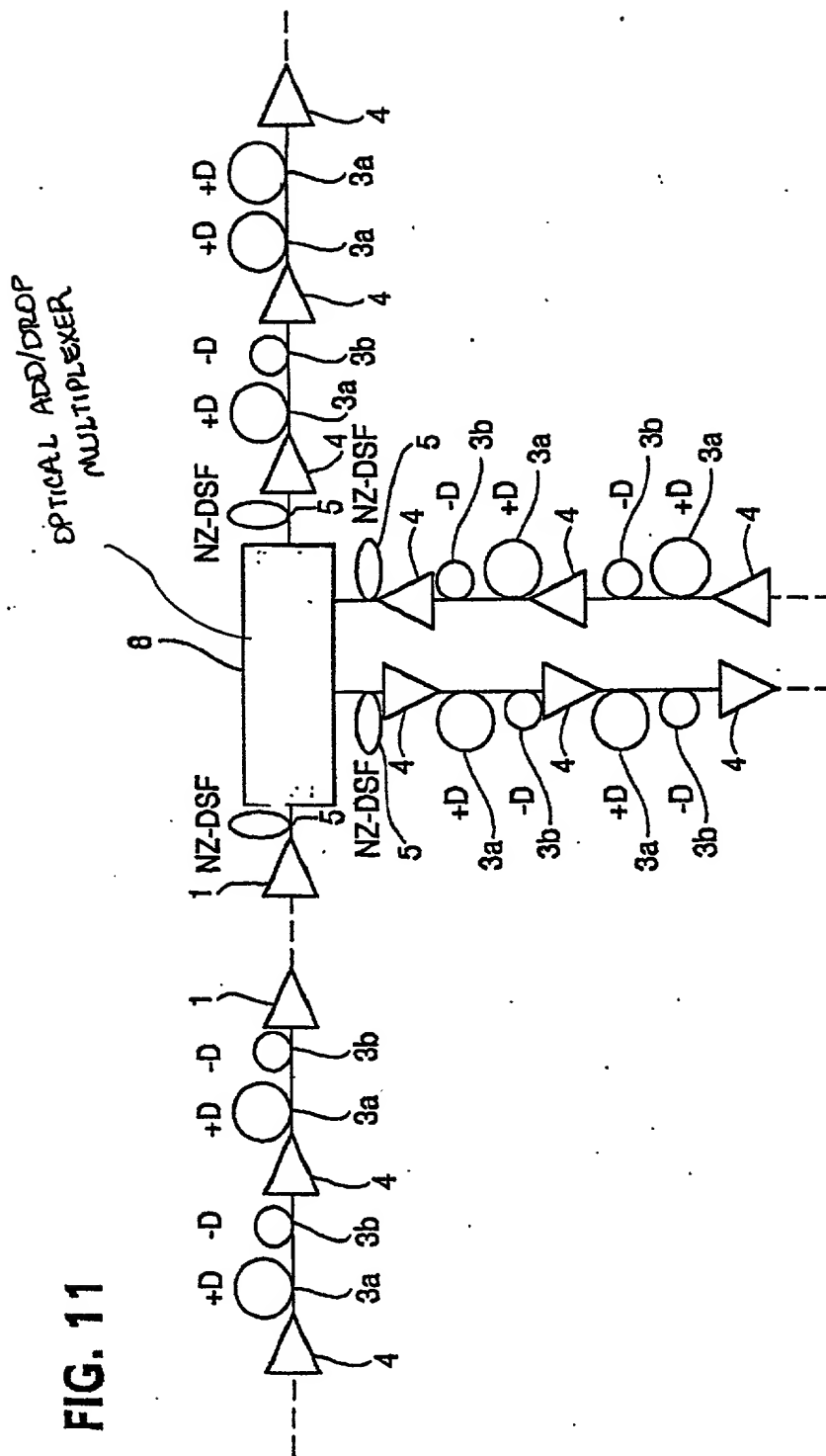


FIG. 10



**FIG. 11**



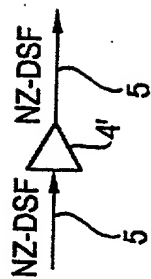


FIG. 12(A)

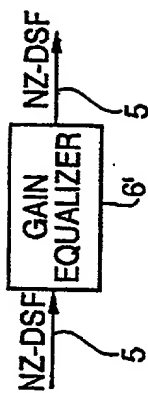


FIG. 12(B)

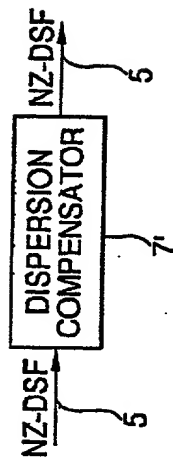


FIG. 12(C)

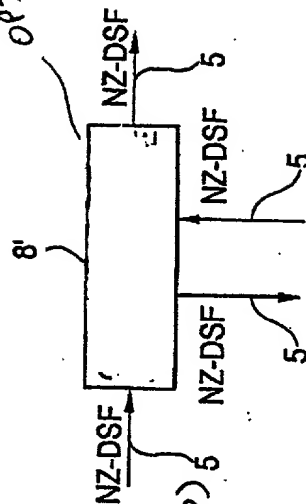


FIG. 12(D)

OPTICAL  
ADD/MULTIPLIER

FIG. 13

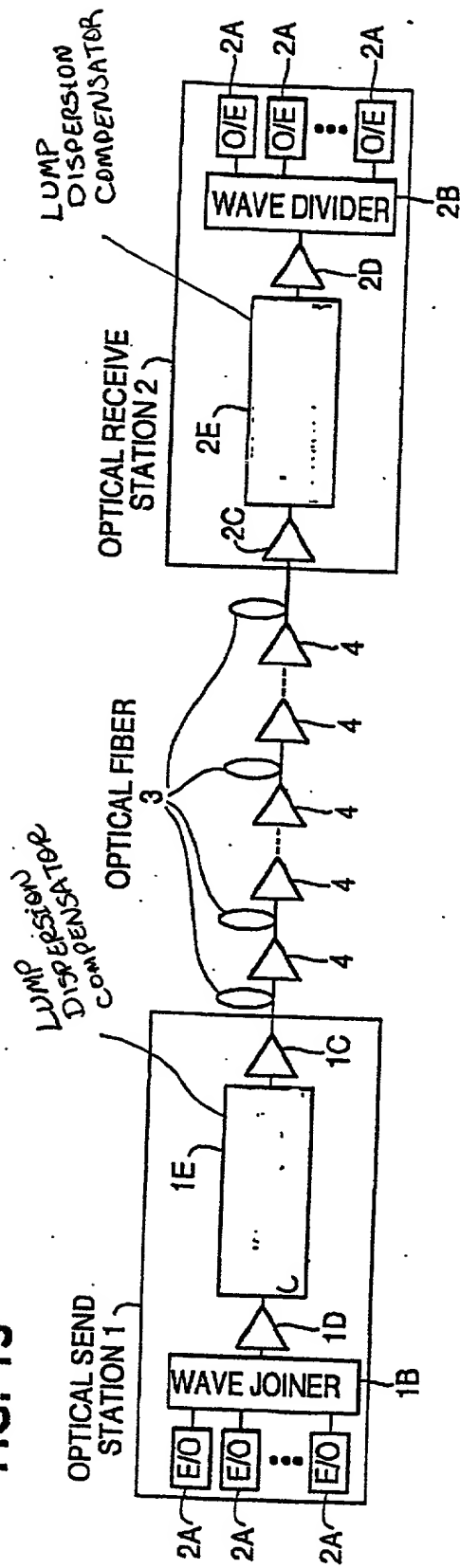


FIG. 14

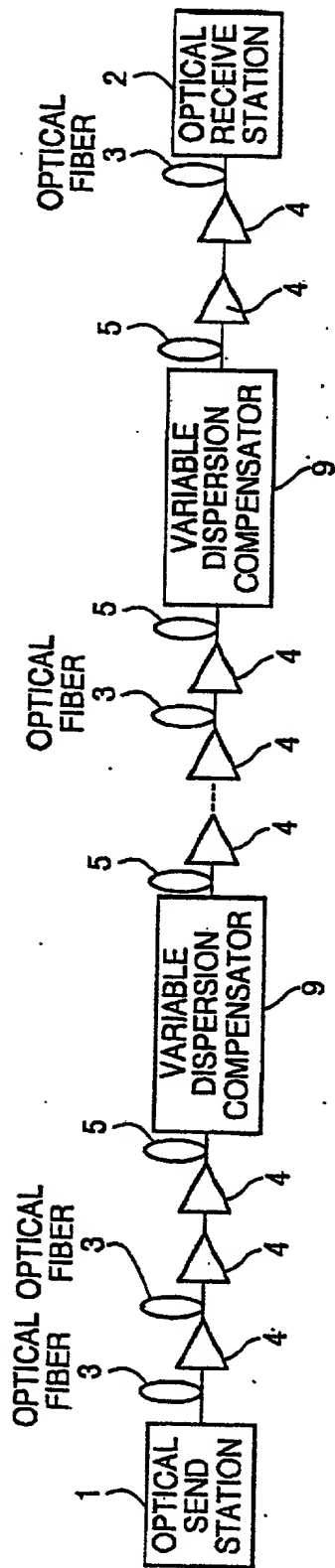
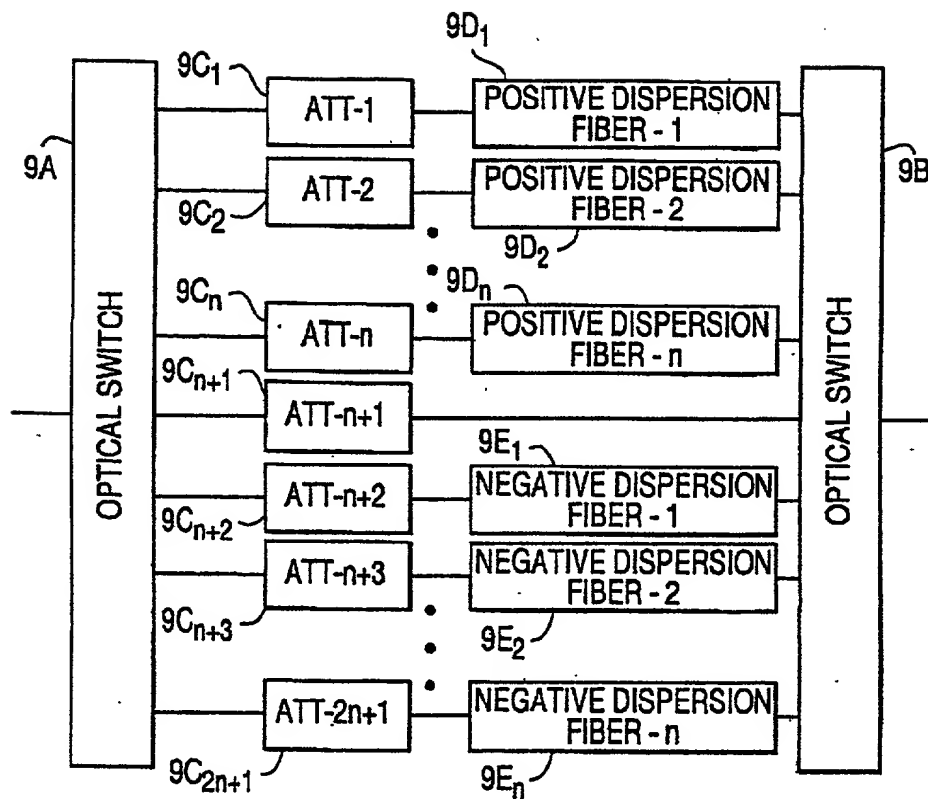
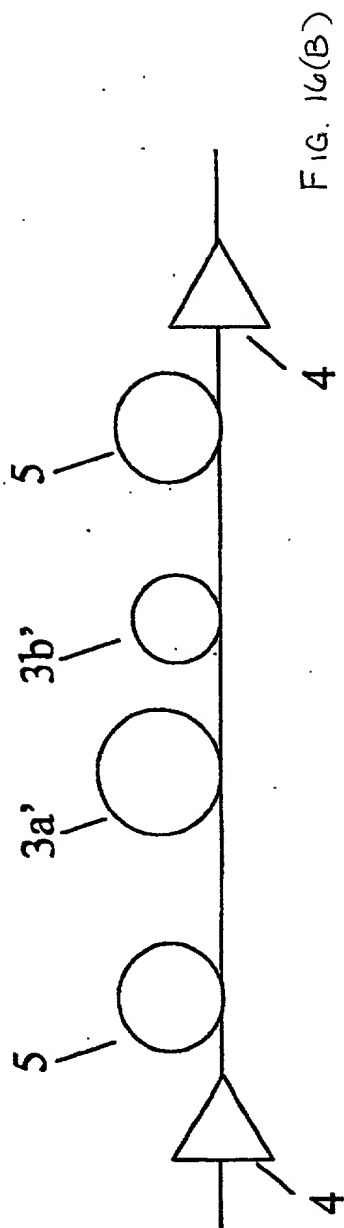
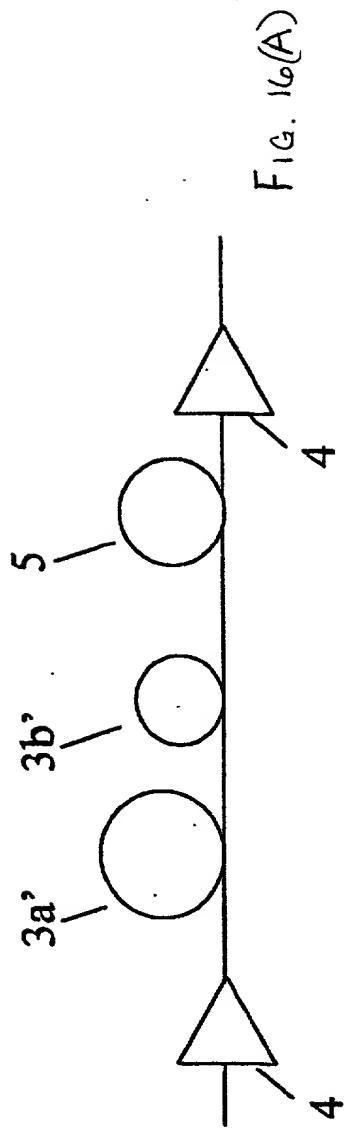


FIG. 15







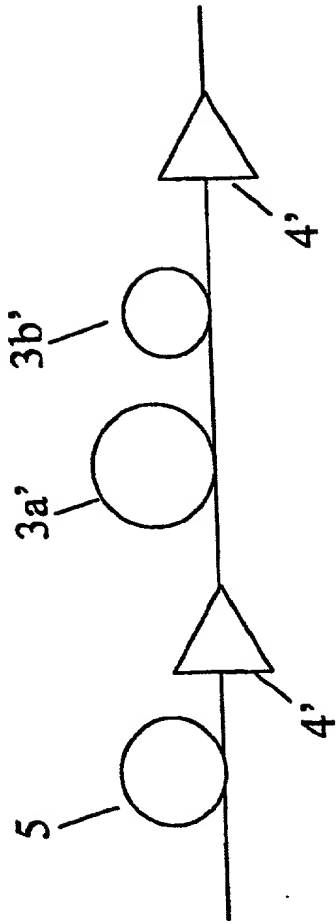


FIG. 17(A)

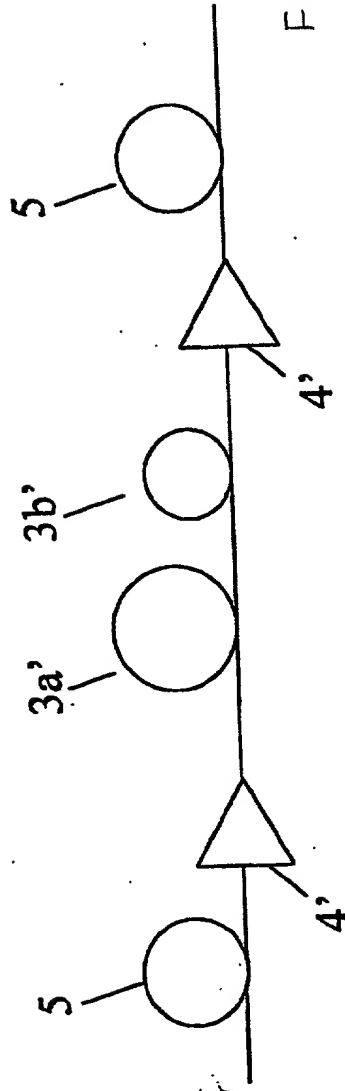


FIG. 17(B)